AMAZONE

Winter salt spreader **IceTiger**





Welcome to the world of professional salt application:

the IceTiger from AMAZONE


SPREADING
IceTiger S

Efficient winter salt application with the IceTiger from AMAZONE

Snow and ice brings disruption without salt spreading. Clearing the roads and paths is essential to prevent everything from grinding to a halt. This requires the right technology to be able to react quickly and flexibly to the respective weather and road conditions - even under the most difficult conditions.

High working speeds, robustness and durability, coupled with precise spreading and flexible application options are key to efficient, cost-effective and environmentally friendly grit and salt application in winter. AMAZONE has combined all this in the IceTiger winter salt spreaders to take full account of current winter service requirements.

The application technology from AMAZONE, including precision spreading discs with electronic adjustment of the working width and application rate, hydraulically-driven belt floor to prevent bridging or pre-wetted salt metering for the application of brine to reduce overall salt quantities, leads the way: the IceTiger from AMAZONE for intelligent winter salt application.



2021: Silver medal for the IceTiger winter salt spreader at demopark

2. LED lighting including optional camera system for safe road use.

3. Parking and rolling device for safe storage and transport.

4. W1 precision spreading disc, with working widths from 1.5 to 5.5 m for IceTiger S, or W2, with working widths from 2 to 8 m for IceTiger and IceTiger S. The discs are made of high-quality stainless steel with electrical adjustment of the working width and application rates.

The IceTiger concept:

efficient winter spreading with maximum impact

1. Spreading material hopper with a capacity from 380 to 1,000 litres, extendable using hopper extensions to a maximum of 920 litres for the IceTiger S and 1,900 litres for the IceTiger; with swivel hopper cover.



5. Folding ladder for safe and easy access to the spreading material hopper.

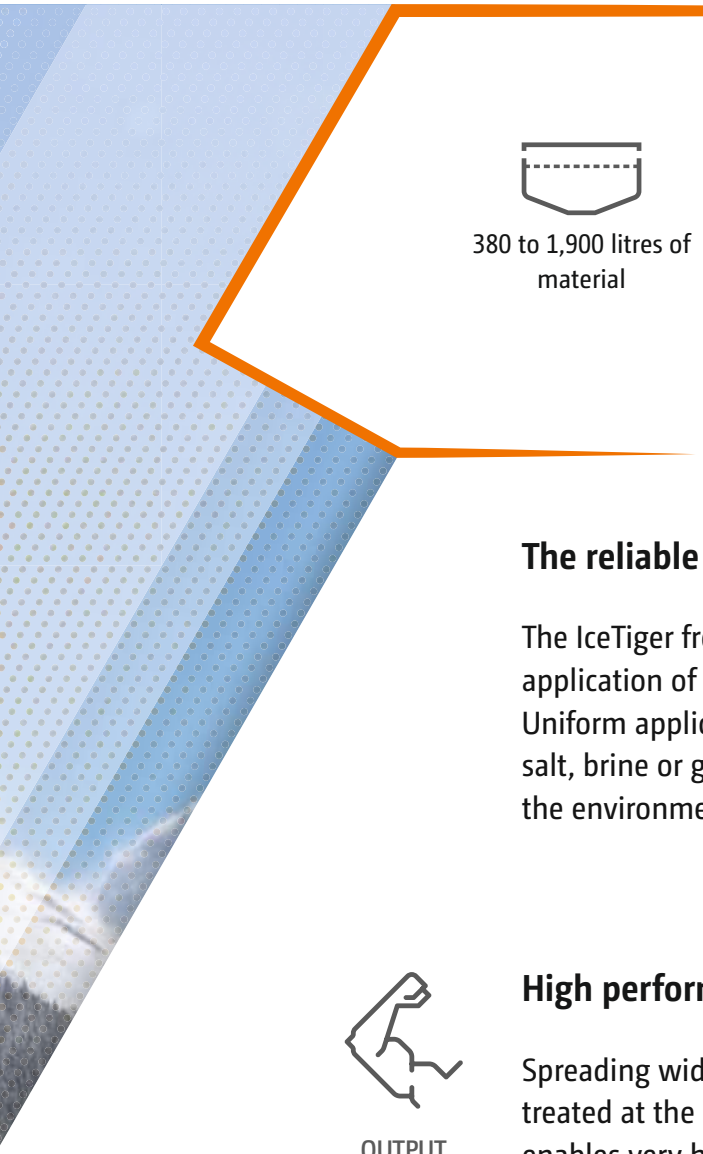
6. Pre-wetted salt system with a 500 litre brine tank for the application of pre-wetted salt with 30% brine content.

IceTiger winter salt spreader



MORE INFORMATION
www.amazone.net/icetiger

PRODUCT FILM
IceTiger winter salt spreader



380 to 1,900 litres of material

Working widths from 1.5 to 8 m

Permissible transport speed up to 60 km/h

The reliable partner for professional winter spreading

The IceTiger from AMAZONE is an innovative mounted spreader for the application of salt and brine with the highest precision.
Uniform application is possible with a wide variety of materials, such as salt, brine or gritting agents. This saves money as well as helping protect the environment. All set for winter with the IceTiger!

OUTPUT

High performance!

Spreading widths of 1.5 to 8 metres allow both sides of the road to be treated at the same time in a single pass. This saves fuel and time and enables very high distances to be covered per hour. However, narrow footpaths can also be precisely treated.

FLEXIBILITY

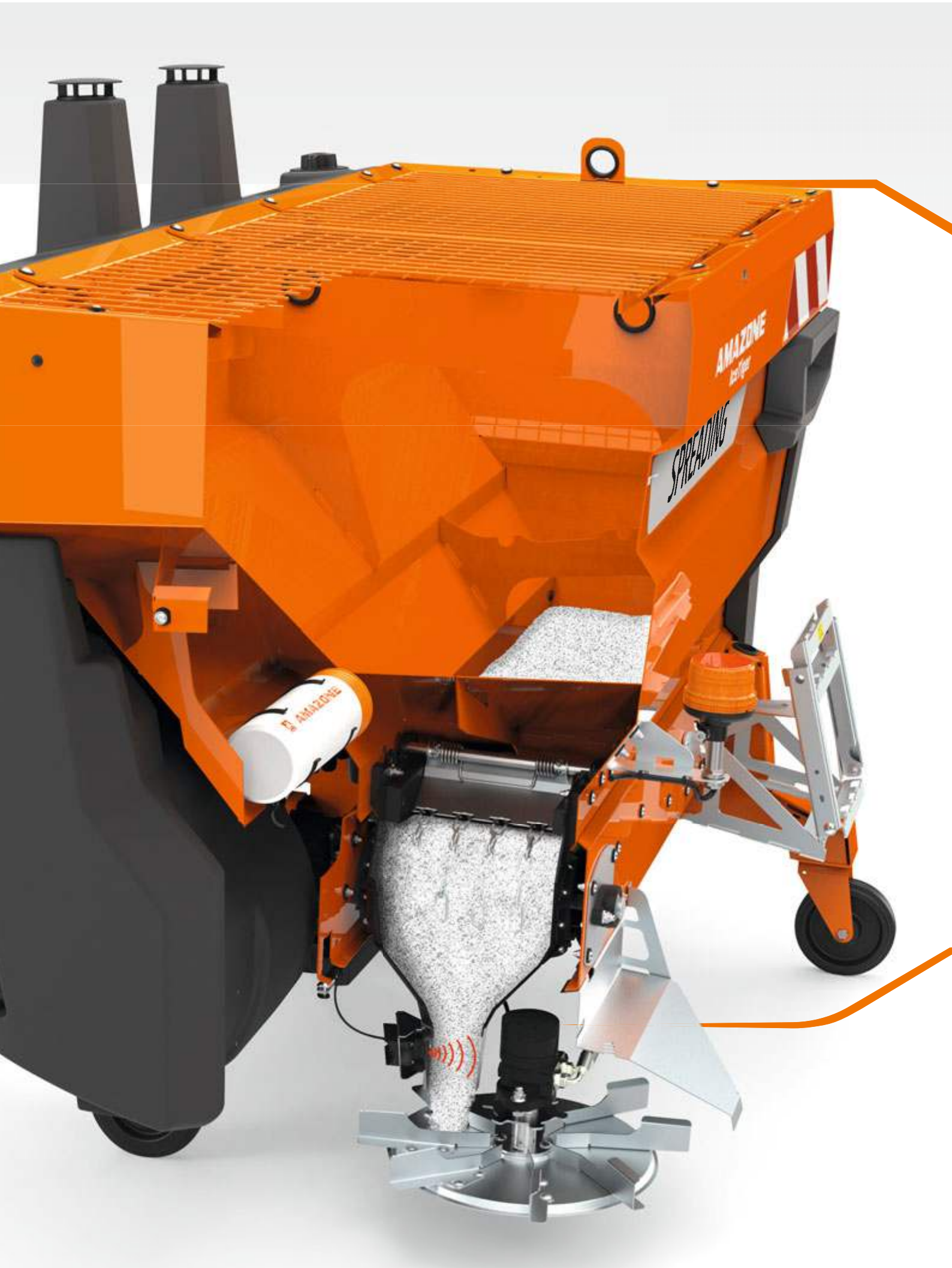
Flexible!

The IceTiger can reliably and precisely spread a wide range of materials, including various salts, grit, sand or brine with the pre-wetted salt equipment. Thanks to the hydraulically driven belt floor, bridging in the hopper is effectively prevented – regardless of the material to be spread.

ROBUSTNESS

Sturdy!

The IceTiger's use of high-quality materials and its special multi-layer paint finish guarantee maximum durability. The ergonomic design of the IceTiger reduces the lifting power required. Safe, stable handling characteristics even when fully loaded for high output work!


AMAZONE
IceTiger
SPREADING
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From hopper to road via the spreading discs

Extendable spreading material hoppers

With a base capacity of 380 or 1,000 litres, the hopper on the IceTiger offers plenty of space for the spreading material – meaning prolonged periods of use. Filling times and downtime can be minimised, so that the work can be quickly completed. The hopper capacity can be extended by use of a variety of extensions, up to 920 litres for the IceTiger S and up to 1,900 litres for the IceTiger.

Dozens of kilometres of road can be treated at standard application rates and working widths, such as 10 g/m² and 4 m. Long range, big impact!

Precision spreading disc – precise and gentle application

Both free-flowing refined salts with a low moisture content and heavy rock salt with a high moisture content can be applied with the IceTiger's precision spreading disc without blockages. Salt and FS30 pre-wetted salt can be applied from 5 g/m² to 80 g/m² and grit up to a maximum of 300 g/m².

- Precision spreading disc W1: working widths 1.5 to 5.5 m
- Precision spreading disc W2: working widths 2 m to 8 m



NEW

System FlowCheck – radar-based sensor system

The FlowCheck radar sensor for the ISOBUS-controlled IceTiger, with a hopper capacity of 1,000 litres or more, enables blockages to be detected at an early stage. A message on the ISOBUS terminal immediately informs the user if a blockage has occurred e.g. due to the use of viscous, pre-wetted salt.

In contrast to conventionally used sensors, the radar sensor is considerably less susceptible to dirt accumulation and therefore needs to be cleaned less frequently by the driver to guarantee its full functionality. As a result, the reliability of such a system is significantly improved, thereby preventing any interruptions in work.

No bridging

Belt floor– improving environmental safety



Adjustable belt floor speed – for precise application, even with extremely small rates

Bridging is safely avoided thanks to the hydraulically driven belt floor with its large surface contact area to the spreading material. A hydraulic motor allows the speed of the belt floor to be precisely adjusted to run fast or slow, so that even extremely small rates down to 5 g/m² can be applied. A spring-loaded shutter with a chain curtain lets smaller foreign objects pass through.



Spreading – salt, brine, sand or grit

Flexible application options

Smart Precision System with integrated pre-wetted salt system

Optional equipment for the IceTiger with a hopper capacity from 1,300 litres: the pre-wetted salt system for FS30 pre-wetted salt with a brine content of 30% includes a hydraulic brine pump which provides a precisely adjustable supply of brine from the two plastic tanks, each with a capacity of 250 l.

- The tanks are integrated in the overall frame concept, so that the spreader remains close to the tractor and thus a favourable centre of gravity.
- Solid salt and brine are mixed together in free fall between the hopper and spreading disc.
- The mixing results in a reduction in the overall salt content by approx. 23% compared to dry salt.



Pre-wetted salt system with an overall tank capacity of 500 l for the application of FS30 pre-wetted salt

Reliable distribution of material to be spread

During the winter months, the IceTiger reliably spreads any material - salt, sand or grit. However, the IceTiger can also be used in a variety of ways outside the winter months, e.g. for spreading chippings during path maintenance.



This is longevity

Multi-layer paint finish on the IceTiger

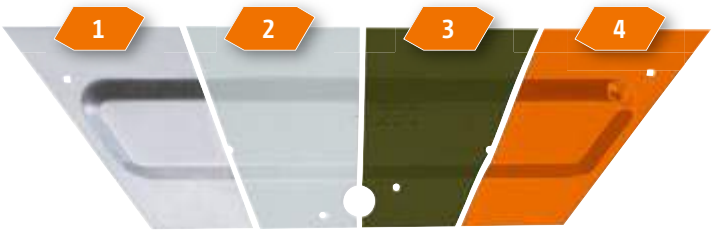


The most important components of the IceTiger, such as the precision spreading disc, are made of high-quality stainless steel for long-term use in winter spreading. A special multi-layer paint finish is also used for the other components to prevent corrosion from the aggressive spreading materials.

Superior multi-layer paint finish

The best from all angles:

1. 14-step **paint preparation,** e.g. degreasing
2. **Zinc phosphating** prevents rust infiltration
3. **Thick primer layer** for full-surface corrosion protection even in those nooks and crannies and hard-to-reach areas
4. **Powder coated** for a high-quality appearance and high paint strength for reliable protection from everyday wear and tear



Simple operation and control

The right adjustment for every challenge

Working width adjustment

The working width of the IceTiger can be set very precisely from 1.5 m to 8 m, both symmetrically and asymmetrically, via the EasySet 2 in-cab terminal, the AmaTron 4 ISOBUS terminal or any other ISOBUS-compatible terminal. Ideal for narrow footpaths, wide roads or major junctions.

Electric delivery point adjustment via an ISOBUS terminal

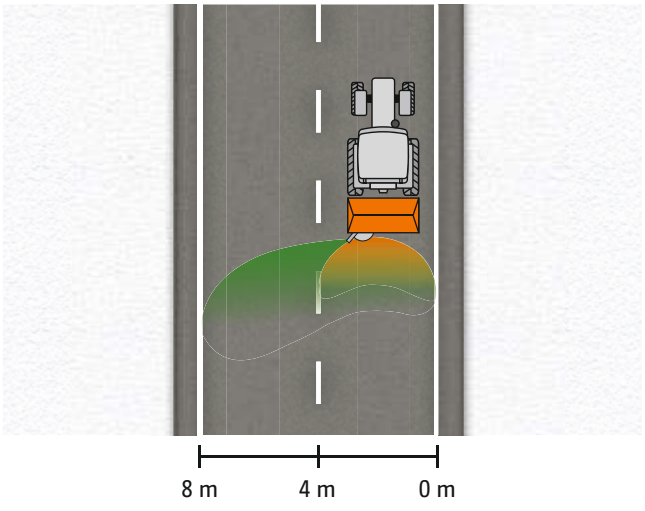
For the ISOBUS-controlled IceTiger, the spread fan is shifted to the right and left by an electric actuator whilst the vehicle is travelling along the road. From the seat, the operator simply enters how far the spread needs to be to the left or right in the ISOBUS terminal. The electric delivery point adjustment then sets the delivery point of the material to be spread precisely and fully automatically. A hydraulic motor simultaneously regulates the spreading disc speed. This automatically produces the desired symmetrical or asymmetrical spread pattern. It couldn't be easier or more convenient.



NEW

GPS-based documentation of the spreading operation in accordance with DIN EN 15430

The data from the IceTiger (such as machine number, forward speed, the working status - such as in transport, emptying, spreading, active spread rate, spreading width, etc.) can be logged in accordance with DIN EN 15430.
It can then be transmitted to an external telemetry module via an interface for documentation and job monitoring purposes.



Smarter operating comfort for maximum precision



The EasySet 2 in-cab terminal – easy to operate

EasySet 2 is the ideal in-cab terminal for those looking for convenient and simple operation.

Benefits of EasySet 2:

- Intuitive operation for multiple drivers
- Forward-speed dependent application rate control
- Pre-metering can be provided via a traffic light function before the tractor starts moving
- With manual delivery point adjustment: the delivery point is adjusted directly on the spreader; the required spread rate and the desired working width are set via the EasySet 2
- Display of the working width (m), rate (g/m²), forward speed (km/h)
- +100% function for doubling the spread rate at critical points, such as bridges and junctions
- Calibration button for calibrating the working width, speed and application rate for road salt and brine
- Control of the work lights and flashing beacon

AmaTron 4 ISOBUS terminal – for maximum comfort

The AmaTron 4 ISOBUS terminal, which was developed in-house by AMAZONE, means that comfortable working becomes a matter of routine. The 8" low-reflection, multi-touch colour display allows easy reading and quick input of all the necessary information. Intuitive operation of the functions is guaranteed at all times either via the 12 keys or the touch display.



Benefits of AmaTron 4:

- Comfortable, user-friendly, tablet-style operation
- Practical and intuitive menu navigation
- Larger display area thanks to dynamic fade-out and fade-in of buttons via a proximity sensor
- Forward-speed dependent application rate control
- Start-up ramp for immediate full application of the material
- Easy adjustment of the desired working width to either the left- or right-hand side from the tractor seat
- Freely configurable, multi-function display with all the relevant information, such as the current application rate, distance remaining, forward speed, etc.
- With electric delivery point adjustment: fully automatic and precise adjustment of both the delivery point of the material to be spread as well as the spreading disc speed enables symmetrical or asymmetrical spread patterns to be produced
- Different properties can be calibrated for each material
- Can also be used for other groundcare and agricultural machinery





The models IceTiger S and IceTiger



IceTiger S – precision down to the last detail

- Hopper capacity of 380 l (can be extended to a maximum of 920 l. with hopper extensions of 180 l and 360 l)
- W1 and W2 precision spreading discs with working widths from 1.5 m to 8 m
- Hydraulically-driven belt floor
- Manual delivery point adjustment
- Comfortable and precise operation with the modern EasySet 2 in-cab terminal



Practical swivel hopper cover and filling sieve



IceTiger – precision with high efficiency

- Hopper capacity of 1,000 l (can be extended to a maximum of 1,900 l. with hopper extensions of 300 l and 600 l)
- W2 precision spreading discs for working widths from 2 m to 8 m
- Hydraulically-driven belt floor
- Manual or electric delivery point adjustment
- Comfortable and precise operation with the user-friendly EasySet 2 in-cab terminal or the modern AmaTron 4 ISOBUS terminal



Mountable parking device

Technical data:

IceTiger winter salt spreader

Model		IceTiger S	IceTiger
Working width (m)	– with W1 spreading disc	1.50–5.50	–
	– with W2 spreading disc	2–8	2–8
Hopper capacity (l)		380	1,000
– with bolt-on extension S 180 (l)		560	–
– with bolt-on extension S 300 (l)		–	1,300
– with bolt-on extension S 360 (l)		740	–
– with bolt-on extension S 600 (l)		–	1,600
– with hopper extension S 180 (l) + S 360 (l)		920	–
– with hopper extension S 300 (l) + S 600 (l)		–	1,900
Pre-wetted salt system (l)		–	500
Filling height (m)	– without hopper extension	1.36	1.50
	– with hopper extension	1.51–1.81	1.65–1.95
Filling width (m)		1.34	2.10
Overall length (m)		1.10	1.30
Overall width (m)		1.45	2.40
Overall height (m)		1.96	2.10
Payload (kg)		1,750	3,200
Power requirement from (kW/hp)		30/40	
Tractor pump capacity		from 15 l/min at 150 bar, maximum 210 bar	

Illustrations, content and technical data are not binding and may differ depending on the level of equipment. Country-specific road traffic regulations apply and must be complied with, meaning that special approval may be required. The permissible axle loads and total weights of the tractor should be checked. Not all the listed combination options are possible with all tractor manufacturers.



A systematic approach to road clearance

Clearing at the front, spreading at the back

Snow clearing equipment is an ideal addition to the IceTiger and IceTiger S from AMAZONE.

The road is cleared of snow on the front and then gritted at the back for safe driving.
Cleared and gritted roads in just one pass, for effective winter safety.



Perfect equipment for IceTiger S and IceTiger

Hopper with a favourable centre of gravity

Maximum efficiency thanks to the large hopper with 3-point linkage with a favourable centre of gravity. The optimised hopper profile prevents material residues from sticking to the steep hopper walls.

Useful camera system

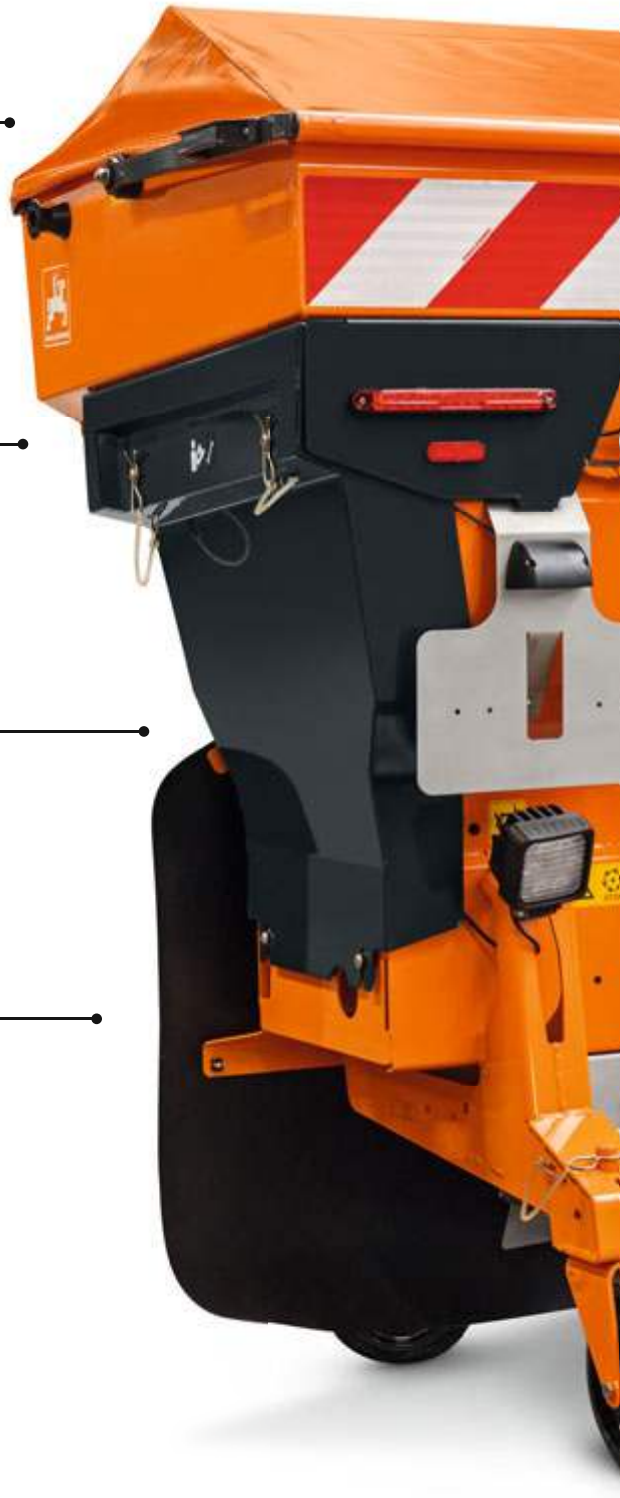
Option of connecting a reversing camera with a view of the spread fan as well as an internal hopper camera for monitoring the fill level.

Easy maintenance and cleaning

The open design and the removable covers simplify the maintenance and washing down of the IceTiger.

Important protection against dust

Prevents any build-up of corrosive salt dust on the rear of the tractor.



Efficient, economical, environmentally-friendly



Comfortable swivel hopper cover

Protects the material to be spread from dirt and water and provides a direct view into the hopper interior through an integrated inspection window.

Perfect lighting

Road traffic lighting, flashing beacons, internal hopper lighting and work lights with LED bulbs which are less sensitive to salt water compared to conventional lighting.

Switchable LED work lights: red helps to distinguish falling snow from flying salt. White provides a wide view of the spread fan in slippery conditions.

Practical access step

For the simple checking of all functions as well as monitoring the hopper contents.

High-quality materials

The conveying system, spreading disc and chute are made of corrosion-free plastic or stainless steel.

Comfortable parking device

Four wheels make it easy to manoeuvre the IceTiger as well as facilitating its coupling and uncoupling.

The original is simply better

AMAZONE service and quality







Experience that pays off. That's why AMAZONE guarantees you the highest quality thanks to a very high level of vertical integration within its own factories in Europe - and it has been doing so for more than 140 years. The original is simply better.

In most cases, things need to happen very quickly, especially if there is a sudden outbreak of bad weather in winter. That is why AMAZONE offers a first-class parts service with genuine parts that are precisely matched to your machine. So your machine is always ready for use - quality parts and available worldwide.

The Global Parts Center in Tecklenburg-Leeden in Germany is the base for our worldwide parts logistics system. This ensures optimum availability of parts, even for older machines.

Whenever you need us, the AMAZONE service team is there for you, supported by a network of competent and highly trained sales partners and service technicians.

Efficient winter spreading from the very first metre.

The advantages of genuine parts and wearing metal:

- Quality, reliability and performance
- Immediate availability, even for older machines
- Higher resale value of your used machine

myAMAZONE

for more performance

REGISTER NOW
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WARRANTY

Register now and apply for a 24 month manufacturer guarantee!

- Extend the protection offered for your machine with a 24 month manufacturer guarantee.

  » The guarantee on offer can be applied for within the contractual warranty period of 12 months after initial installation.

NEW



PARTS

Parts - find the right parts for your machine even more easily now!

- The right parts list for your machine with just one click.
- Identify the correct part in the exploded views in no time at all.
- Create a shopping basket and send it to your service partner.



ADJUSTMENT AND OPERATION

Now enter the machine number and see at a glance all the relevant information to help get the maximum performance from your machine

- Season start and commissioning
- Adjustment and operation
- Parts lists and operating instructions
- Maintenance and storage


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AMAZONEN-WERKE H. DREYER SE & Co. KG
P. O. Box 51 · 49202 Hasbergen-Gaste/Germany
Phone +49 (0)5405 501-0 · Fax +49 (0)5405 501-193

MI10479 (en_II) 03.25 Printed in Germany www.amazone.net E-Mail: amazone@amazone.net